

AXIAL SKELETON

I. Bone markings

A. Openings

1. Fissure
2. Foramen
3. Canal or Meatus
4. Sinus

B. Depressions

1. Sulcus
2. Fossa

C. Processes

1. Condyle
2. Head
3. Facet
4. Tubercle
5. Tuberosity
6. Trochanter
7. Crest
8. Line
9. Spine
10. Epicondyle
11. Neck

II. Axial Skeleton

A. Skull

1. Cranial bones (8)
 - a. Frontal
 - b. Parietal (2)
 - c. Temporal (2)
 - d. Sphenoid
 - e. Ethmoid
 - f. Occipital
2. *Facial (14)*
 - a. *Nasal (2)*
 - b. *Maxilla (2)*
 - c. *Zygomatic (2)*
 - d. *Mandible*
 - e. *Lacrimal (2)*
 - f. *Palatine (2)*
 - g. *Inferior nasal conchae (2)*
 - h. *Vomer*
3. *Sutures*
 - a. *Coronal*
 - b. *Sagittal*
 - c. *Lambdoidal*
 - d. *Squamosal*

B. Skull - Cranial Bones and Markings

1. Frontal
 - a. Orbits
2. Parietal
3. Temporal
 - a. Zygomatic process
 - b. Mastoid process
4. Occipital
 - a. Foramen magnum
 - b. Occipital condyles
 - c. External occipital protuberance
5. Sphenoid
6. Ethmoid

C. Vertebral Column

1. Vertebrae
 - a. Cervical (7)
 - b. Thoracic (12)
 - c. Lumbar (5)
 - d. Sacral (5)
 - e. Coccyx (4)
2. Intervertebral foramen
3. Intervertebral discs

H. Vertebrae Markings

1. Typical vertebra
 - a. Body
 - b. Vertebral or Neural Arch
 - c. Pedicle
 - d. Lamina
 - e. Vertebral foramen
 - i. Spinal canal
 - f. Intervertebral foramen
 - g. Transverse process
 - h. Spinous process
 - i. Superior articular process
 - j. Inferior articular process
 - k. Facets
 - i. Transverse Costal
 - ii. Superior Costal
 - iii. Superior Articular
 - iv. Inferior Articular
2. Cervical
 - a. Transverse foramen
 - b. Atlas
 - i. No body
 - ii. No spinous process
 - c. Axis
 - i. Dens (odontoid process)
3. Thoracic
 - a. rib facets/demifacets
4. Lumbar
5. Sacrum
6. Coccyx
7. Curvatures
 - a. Thoracic
 - b. Lumbar
 - c. Cervical
 - d. Sacral

I. Sternum

1. Manubrium
2. Body
3. Xiphoid process

J. Ribs

1. True or Vertebrosteral
2. False
3. Vertebrochondral
3. Floating or Vertebral
4. Costal cartilage
5. Head
6. Neck
7. Tubercle
8. Body

